

Title (en)
POLYAMIDE MOLDING COMPOUNDS HAVING INCREASED HYDROLYSIS RESISTANCE

Title (de)
POLYAMID-FORMMASSEN MIT ERHÖHTER HYDROLYSEBESTÄNDIGKEIT

Title (fr)
MATIÈRE À MOULER EN POLYAMIDE PRÉSENTANT UNE RÉSISTANCE ACCRUE À L'HYDROLYSE

Publication
EP 3931260 B1 20230405 (DE)

Application
EP 20705736 A 20200224

Priority
• EP 19159212 A 20190225
• EP 2020054754 W 20200224

Abstract (en)
[origin: WO2020173866A1] A thermoplastic molding compound containing a) a mixture of 100 parts by weight of polyamide 6 or polyamide 6/6.6 and 5 to 100 parts by weight of aliphatic polyamide from C4-10 diamine and C8-16 dicarboxylic acid as component A), b) 10 to 70 wt.%, in relation to component A), of glass fibers as component B), c) 0 to 30 wt.%, in relation to component A), of further additives as component C), preferably with a decrease in the fracture stress according to ISO 527 after storing for 3000 h at 120°C in a mixture of monoethylene glycol and water at a weight ratio of 1:1 by at most 78%.

IPC 8 full level
C08L 77/02 (2006.01)

CPC (source: EP KR US)
C08K 3/04 (2013.01 - KR); **C08K 5/3465** (2013.01 - KR); **C08K 7/14** (2013.01 - KR); **C08L 77/02** (2013.01 - EP KR);
C08L 77/06 (2013.01 - KR US); **C08L 2205/025** (2013.01 - US)

C-Set (source: EP)
1. **C08L 77/02 + C08K 7/14 + C08L 77/06**
2. **C08L 77/02 + C08K 7/14 + C08L 77/06 + C08K 3/013 + C08K 5/005**

Citation (examination)
• CN 102732000 A 20121017 - SHANGHAI SUNNY NEW TECHNOLOGY DEV CO LTD
• CN 102732001 A 20121017 - SHANGHAI SUNNY NEW TECHNOLOGY DEV CO LTD

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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